

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1.-15. Canceled.

16. (New) A process for producing a glass molded article by precision press-molding a glass under heat in a non-oxidizing atmosphere,
the process comprising precision press-molding a glass containing P₂O₅ and at least one oxide selected from WO₃, Nb₂O₅ or TiO₂, to prepare a glass molded article, and then heat-treating the glass molded article in an oxidizing atmosphere having the partial pressure of water vapor adjusted to 10⁴ Pa or lower to decolor the glass molded article.

17. (New) A process for producing a glass molded article by precision press-molding a glass under heat in a non-oxidizing atmosphere,
the process comprising precision press-molding a glass containing P₂O₅ and at least one oxide selected from WO₃, Nb₂O₅ or TiO₂ and having an Sb₂O₃ content of 2,000 ppm or less and an As₂O₃ content of 200 ppm or less to prepare a glass molded article, and then heat-treating the glass molded article in an oxidizing atmosphere to decolor the glass molded article.

18. (New) The process of claim 17, wherein said glass contains no As₂O₃.

19. (New) The process of claim 17, wherein the precision press-molding is carried out with a press mold having a molding surface made of SiC or hard carbon.

20. (New) A process for producing a glass molded article by precision press-molding a glass under heat in a non-oxidizing atmosphere,
the process comprising precision press-molding a preform made of a glass containing P₂O₅ and at least one oxide selected from WO₃, Nb₂O₅ or TiO₂ and having a surface formed of a carbon film, to prepare a glass molded article, and then heat-treating the glass molded article in atmosphere of air to decolor the glass molded article.
21. (New) A process for producing a glass molded article by precision press-molding a glass under heat in a non-oxidizing atmosphere,
the process comprising precision press-molding a glass containing P₂O₅ and at least one oxide selected from WO₃, Nb₂O₅ or TiO₂, containing no lead, having a WO₃ and Nb₂O₅ total content of at least 15 mol% and having a refractive index (nd) of at least 1.6 and an Abbe's number (vd) of 33 or less, to prepare a glass molded article, and then heat-treating the glass molded article in an oxidizing atmosphere to decolor the glass molded article.
22. (New) A process for producing a glass molded article by press-molding a glass under heat in a non-oxidizing atmosphere,
the process comprising press-molding a glass containing P₂O₅ and at least one oxide selected from WO₃, Nb₂O₅ or TiO₂, containing no lead, having a WO₃, Nb₂O₅ and TiO₂ total content of at least 25 mol% and having a refractive index (nd) of at least 1.6 and an Abbe's number (vd) of 33 or less, to prepare a glass molded article, and then heat-

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treating the glass molded article in an oxidizing atmosphere to decolor the glass molded article.

23. (New) A process for producing a glass molded article by precision press-molding a glass under heat in a non-oxidizing atmosphere, the process comprising precision press-molding a glass containing P₂O₅ and at least one oxide selected from WO₃, Nb₂O₅ or TiO₂ containing no lead, having an Sb₂O₃ content of 2,000 ppm or less and an As₂O₃ content of 200 ppm or less and having a WO₃ and Nb₂O₅ total content of at least 15 mol% and having a refractive index (nd) of at least 1.6 and an Abbe's number (vd) of 33 or less, to prepare a glass molded article, and then heat-treating the glass molded article in an oxidizing atmosphere to decolor the glass molded article.

24. (New) The process of claim 23, wherein the glass contains no As₂O₃.

25. (New) The process of claim 23, wherein the press-molding is carried out with a press mold having a molding surface made of SiC or hard carbon.

26. (New) The process of any one of claims 17, 20, 21, 22 and 23, wherein the heat treatment is carried out in a dry atmosphere.

27. (New) The process of any one of claims 16, 17, 20, 21, 22 and 23, wherein the glass molded article is heat-treated at a temperature equivalent to, or lower than, a glass transition temperature of the glass.

28. (New) The process of any one of claims 16, 17, 20, 21, 22 and 23, wherein the glass has a glass transition temperature (Tg) of 540°C or lower and is precision press-molded.

29. (New) The process of claim 16, 17 or 20, wherein the glass is molded into a glass molded article made of an optical glass having a refractive index (nd) of at least 1.6 and an Abbe's number (vd) of 33 or less.

30. (New) The process of any one of claims 16, 17, 20, 21, 22 and 23, wherein the glass molded article is formed from a glass containing, by mol%, 12 to 50 % of P₂O₅, 2 to 45 % of WO₃, 0 to 25 % of Nb₂O₅, 0 to 22 % of TiO₂, 0 to 30 % of Li₂O, 0 to 33 % of Na₂O, 0 to 25 % of K₂O, 0 to 23 % of B₂O₃, 0 to 25 % of BaO and 0 to 20 % of ZnO and having a WO₃ and Nb₂O₅ total content of 45 mol% or less.

31. (New) The process of claim 30, wherein the molded article is formed from the glass containing, by mol%, 2 to 30 % of Li₂O and 2 to 33 % of Na₂O.

32. (New) The process of claim 30, wherein the molded article is formed from the glass containing, by mol%, 5 to 25 % of Nb₂O₅, 1 to 22 % of TiO₂, 0.5 to 23 % of B₂O₃ and 1 to 25 % of BaO, having an alkali metal oxide total content of 45 mol% or less and having an alkaline earth metal oxide and ZnO total content of 35 mol% or less.

33. (New) The process of claim 30, wherein the glass contains 9 to 30 mol% of Li₂O.

34. (New) The process of claim 31, wherein the glass contains 9 to 30 mol% of Li₂O.

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35. (New) The process of claim 32, wherein the glass contains 9 to 30 mol% of Li₂O.